EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3	("4380771" | "6074036" | "6179412").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 09:40
L3	2	("6520617").URPN.	USPAT	OR	ON	2007/07/31 09:47
L4	3	10/749816	USPAT	OR	ON	2007/07/31 09:52
L5	12	("3747120" | "4613875" | "5604521" | "5912689" | "5992974" | "6041600" | "6132028" | "6235212" | "6264307" | "6439695" | "6536874" | "6582059").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 09:47
L6	2	"7121646".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:52
L7	1	2005-511485.NRAN.	DERWENT	OR	ON	2007/07/31 09:52
S1	8	("6582059" "6536874" "6439695" "6264307" "6235212" "6041600" "4613875" "3747120").pn.	USPAT	OR	ON	2005/06/27 07:18
S2	316	((nozzle planar) with (substrate plate layer)) same ((channel guide groove direct) with (clean maintenance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:45
S3	1420	347/22,33,36,4047.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:44
S4	5	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:44
S5	9921	((nozzle planar) with (substrate plate layer)) same ((ink liquid fluid) near8 (channel guide groove direct))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:50
S6	152	S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:46
S7	31688	(nozzle with (substrate plate layer)) same (geometr$2 shape recess channel groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:51
S8	188	S3 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:51
S9	328952	(ink fluid liquid) with (spray contaminat$3 excess$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:52

S10	117	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:54
S11	3522	347/47,54,56,71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:54
S12	1179	S7 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:55
S13	175	S9 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 08:12
S14	510	((nozzle oriface) with (geometr$2 shape recess)) same capillary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 08:14
S15	17	S11 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 08:14
S16	6	("3466659" | "3774231" | "3887928" | "3958249" | "4349830").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 09:15
S17	12	("4413268").URPN.	USPAT	OR	ON	2005/06/27 09:15
S18	6	("4059480" | "4066491" | "4276335" | "4403234" | "4413268" | "4549188").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 09:18
S19	34	("4728392").URPN.	USPAT	OR	ON	2005/06/27 10:37
S20	1454	347/100,106.ccls.	USPAT	OR	ON	2005/06/27 10:39
S21	652	(viscosity same tension) and S20	USPAT	OR	ON	2005/06/27 10:39
S22	4	("50" adj dynes) and ("40" adj centipoise)	USPAT	OR	ON	2005/06/27 10:38
S23	578	(viscosity with tension) and S20	USPAT	OR	ON	2005/06/27 10:39
S24	302	347/106.ccls.	USPAT	OR	ON	2005/06/27 10:39
S25	66	(viscosity same tension) and S24	USPAT	OR	ON	2005/06/27 10:44
S26	514	(depth height) with ((nozzle oriface) same (geometr$2 dimension))	USPAT	OR	ON	2005/06/27 10:45
S27	3522	347/47,54,56,71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 10:45
S28	15	S27 and S26	USPAT	OR	ON	2005/06/27 10:45
S29	514	(depth height) with ((nozzle oriface) same (geometr$2 dimension))	USPAT	OR	ON	2005/06/27 11:49
S30	3522	347/47,54,56,71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 11:49
S31	15	S30 and S29	USPAT	OR	ON	2005/06/27 11:49
S32	302	347/106.ccls.	USPAT	OR	ON	2005/06/27 12:19
S33	66	(viscosity same tension) and S32	USPAT	OR	ON	2005/06/27 12:19

S34	23	S33 and piezoelectric	USPAT	OR	ON	2005/06/27 12:19
S35	3	(("4,358,781") or ("4,459,601") or ("5,757,391")).PN.	USPAT	OR	OFF	2006/03/03 10:22
S36	0	("58283946132028").PN.	USPAT	OR	OFF	2006/03/03 10:23
S37	2	(("5828394") or ("6132028")).PN.	USPAT	OR	OFF	2006/03/03 10:23
S38	4	("4413268" | "5487483" | "5595785" | "5786832").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:25
S39	149	(capillary with (channel groove conduit)) same (nozzle near4 plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:33
S40	900	347/22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:26
S41	1827	347/47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:32
S42	551	347/45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:26
S43	18	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:32
S44	2	("3776461" | "5381169").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:27
S45	15	S39 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:28
S46	10	("4542389" | "4550326" | "4578687" | "4646110" | "4914562" | "4914736" | "4980703" | "4994825" | "5198834" | "5374948").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:29
S47	4	S39 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:32
S48	10319	(channel groove conduit) same (nozzle near4 plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:33
S49	5707	(channel groove conduit) with (nozzle near4 plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:35

EAST Search History

S50	300	S41 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:34
S51	233	S41 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:34
S52	2573	(channel groove conduit) with (nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:35
S53	65241	"347"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:35
S54	1185	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:35
S55	2	(channel groove conduit) with (maintenance) with (nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:36
S56	2	((channel groove conduit) with maintenance) with (nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:36
S57	4	((channel groove conduit) with maintenance) same(nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:38
S58	104	((channel groove conduit) with capillary) same(nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:38
S59	82	S53 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:38
S60	1446	347/47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 11:03
S61	636	347/47.ccls.	USPAT	OR	ON	2006/03/03 11:04
S62	554	S61 not silverbrook.in.	USPAT	OR	ON	2006/03/03 12:31
S63	636	347/47.ccls.	USPAT	OR	ON	2006/03/03 12:31
S64	184	(S63 not silverbrook.in.) and (nozzle with shape)	USPAT	OR	ON	2006/03/03 12:32

S65	9	("3167489" | "3329588" | "3461045" | "3607674" | "3704175").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:36
S66	4	("4290857").URPN.	USPAT	OR	ON	2006/03/03 12:36
S67	6	("4255237" | "4290857" | "4417946" | "4422905" | "4513298" | "4558333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:38
S68	31	("4716423").URPN.	USPAT	OR	ON	2006/03/03 12:39
S69	11	("4368476" | "4694308" | "4716423" | "4723129" | "4740796" | "5262802" | "5300959" | "5443687" | "5697144" | "6402304" | "6523938").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:40
S70	2	("4513298" | "4558333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:43
S71	27	("4694308").URPN.	USPAT	OR	ON	2006/03/03 12:43
S72	12	("4413268").URPN.	USPAT	OR	ON	2006/03/03 12:51
S73	6	("3466659" | "3774231" | "3887928" | "3958249" | "4349830").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:15
S74	937	347/44	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:16
S75	551	347/45	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:15
S76	1827	347/47	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:15
S77	104	S74 and S75 and S76	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:16
S78	937	347/44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:16
S79	551	347/45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:16
S80	1827	347/47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:16
S81	104	S78 and S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:19
S82	497	347/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:37
S83	6865	((nozzle oriface) near3 (plate substrate layer)) with (conduit channel recess groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:38

S84	65241	"347"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:38
S85	2406	S83 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:38
S86	2988	((nozzle oriface) adj (plate substrate layer)) with (conduit channel recess groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:41
S87	1324	S84 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:39
S88	352	(((nozzle oriface) adj (plate substrate layer)) with (conduit channel recess groove)) same (shape geometry)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:41
S89	146	S84 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:41
S90	24	(US-20030081069-$ or US-20050140747-$ or US-20040141031-$ or US-20040145621-$).did. or (US-4550326-$ or US-6132028-$ or US-4413268-$ or US-5790151-$ or US-4962391-$ or US-5940096-$ or US-4290857-$ or US-4716423-$ or US-4422082-$ or US-6305792-$ or US-6039438-$ or US-5853861-$ or US-6536879-$ or US-4021252-$ or US-6527369-$ or US-6685301-$ or US-4786288-$ or US-4728392-$).did. or (JP-02004515-$ or JP-61287756-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/03/03 13:54
S91	481	347/67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:14
S92	15625	nozzle adj plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:14
S93	127	S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:14
S94	514	(nozzle adj plate) with specific$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:19
S95	256	S84 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:15

S96	215	(nozzle adj plate) same ((surround$3 encompass$3) with (channel groove moat recess))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:20
S97	261	((nozzle oriface) adj (substrate plate)) same ((surround$3 encompass$3) with (channel groove moat recess))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:21
S98	18	(US-20040141031-$ or US-20050140747-$ or US-20040145621-$).did. or (US-6305792-$ or US-5940096-$ or US-4422082-$ or US-6039438-$ or US-5853861-$ or US-4786288-$ or US-4716423-$ or US-4550326-$ or US-4413268-$ or US-4728392-$ or US-6132028-$ or US-4962391-$ or US-4021252-$ or US-6527369-$).did. or (JP-02004515-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/03/06 07:58
S99	3	"4422082".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 07:54
S100	1	1982-F7677E.NRAN.	DERWENT	OR	ON	2006/03/06 07:55
S101	5146	347/22-35,47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:53
S102	44	((nozzle oriface) adj (plate substrate)) same ((channel recess trough) with (wick$3 with (liquid ink fluid)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:56
S103	14	S101 and S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:55
S104	3647	((nozzle oriface) adj (plate substrate)) same (channel recess trough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:57
S105	269	S101 and S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:57
S106	2174	((nozzle oriface) adj (plate substrate)) with (channel recess trough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:19
S107	147	S101 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:57
S108	63	S107 and (capillary wick$3 vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:58

S10 9	11	("4157935" | "4246076" | "4312009" | "4317124" | "4450455" | "4502054" | "4587534" | "4593296" | "4640382" | "4644126" | "4694548").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 09:00
S11 0	34	("5189437").URPN.	USPAT	OR	ON	2006/03/06 09:02
S11 1	56	(vacuum and wick$3) near3 (channel recess groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:05
S11 2	65241	"347"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:04
S11 3	65241	S112 and S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:04
S11 4	6	S111 and S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:04
S11 5	6	(vacuum same wick$3) with ((channel recess groove) same (maintenance clean$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:05
S11 6	4	S112 and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:06
S11 7	718	347/30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:06
S11 8	160	347/31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:07
S11 9	373	347/32.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:07
S12 0	3	\20 and S118 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:07
S12 1	3	S117 and S118 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:07

S12 2	3	("5055856" | "5867187" | "5898444").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:16
S12 3	1	S122 and ((vacuum suction) and wip$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:17
S12 4	5	("3787148" | "4363609" | "5260724" | "5309180" | "5517219").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:18
S12 5	1172	((nozzle oriface) adj (plate substrate)) with (silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:21
S12 6	768	S112 and S125	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:19
S12 7	1446	347/47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:20
S12 8	87	S125 and S127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:20
S12 9	194	(((nozzle oriface) adj (plate substrate)) with (silicon)) same (advantage benefit improvement superior)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:22
S13 0	14	S127 and S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:22
S13 1	2	"20010024219"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 15:36
S13 2	20	(US-20010024219-$ or US-20040141031-$ or US-20050140747-$ or US-20040145621-$).did. or (US-4962391-$ or US-6258286-$ or US-6171875-$ or US-6132028-$ or US-4728392-$ or US-4550326-$ or US-4413268-$ or US-5189437-$ or US-5853861-$ or US-4786288-$ or US-4021252-$ or US-6039438-$ or US-4422082-$ or US-5898444-$ or US-6273546-$).did. or (JP-02004515-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/03/08 11:03
S13 3	2	S132 and (porous sponge)	US-PGPUB; USPAT; JPO	OR	ON	2007/03/08 11:03
S13 4	6	(vacuum same wick$3) with ((channel recess groove) same (maintenance clean$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 12:40
S13 5	4245	347/47,54,56,71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 12:41

EAST Search History

S13 6	135	("20010001452" | "20010001455" | "20010001456" | "20010001460" | "20010001474" | "3150442" | "3538744" | "3586933" | "3611071" | "3663194" | "3669881" | "3725186" | "3738759" | "3770405" | "3915652" | "3921961" | "3940301" | "4007464" | "4056324" | "4092166" | "4209696" | "4356722" | "4366118" | "4369664" | "4403234" | "4437103" | "4459267" | "4480259" | "4489259" | "4490728" | "4590482" | "4593728" | "4683042" | "4708782" | "4728392" | "4733823" | "4842701" | "4879097" | "4891120" | "4908112" | "4983038" | "4999493" | "5015845" | "5110745" | "5126022" | "5132012" | "5162650" | "5180480" | "5182366" | "5245185" | "5269900" | "5283036" | "5294426" | "5296114" | "5296375" | "5302533" | "5304487" | "5306621" | "5316680" | "5328578" | "5331159" | "5332481" | "5334310" | "5338427" | "5349186" | "5374834" | "5376252" | "5387329" | "5401376" | "5401963" | "5415841" | "5421980" | "5423964" | "5427946" | "5429734" | "5431807" | "5445324" | "5453185" | "5481110" | "5486335" | "5493115" | "5495108" | "5498392" | "5501883" | "5501893" | "5505832" | "5512131" | "5512451" | "5523566" | "5536939" | "5541408" | "5563639" | "5572023" | "5608217" | "5640010" | "5641400" | "5644131" | "5647979" | "5652427" | "5705813" | "5716825" | "5747815" | "5750988" | "5779868" | "5789746" | "5800692" | "5804022" | "5856082" | "5872010" | "5876957" | "5877495" | "5917184" | "5917185" | "5969351" | "5969353" | "5972187" | "5993633" | "5994696" | "6005245" | "6007775" | "6032876" | "6060705" | "6066848").PN. OR ("6068749" | "6110343" | "6114693" | "6171875" | "6245227" | "6394942" | "6417510" | "6454938" | "6563111" | "6569324").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/08 12:42
S13 7	584	(depth height) with ((nozzle oriface) same (geometr$2 dimension))	USPAT	OR	ON	2007/03/08 13:10
S13 8	17	S135 and S137	USPAT	OR	ON	2007/03/08 13:10
S13 9	15	("3747120" | "4413268" | "4613875" | "5745129" | "6041600" | "6132028" | "6139136" | "6235212" | "6254219" | "6264307" | "6439695" | "6511156" | "6536874" | "6582059" | "6957882").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/08 13:10
S14 0	1594	347/47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:45
S14 1	1594	347/47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 12:48
S14 2	4693	347/40-45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 12:48
S14 3	72	((john with batterton) (andreas with bibl) (paul with hoisington) (steven with barss)) and spectra.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 12:52
S14 4	72	((john with batterton) (andreas with bibl) (paul with hoisington) (steven with barss)). in. and spectra.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 12:59
S14 5	0	(nozzle inlet outlet substrate radial surface below plane channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:01
S14 6	72124	"347"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:01

S147	0	(nozzle inlet outlet substrate radial surface plane channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:01
S148	4	(nozzle inlet outlet substrate radial surface channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:03
S149	5	(nozzle inlet outlet substrate radial channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:03
S150	1	S149 not S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:03
S151	26	(nozzle substrate radial channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:06
S152	21	S151 not S149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:03
S153	26	((nozzle or oriface) substrate radial channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:07
S154	0	S153 not S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:07
S155	1184	((nozzle or oriface) radial channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:07
S156	20	S146 and S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:09
S157	1594	347/47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 13:25
S158	69	(geoffrey with mruk).xa.	USPAT	OR	ON	2007/07/30 13:25
S159	28	S158 and electrode.clm.	USPAT	OR	ON	2007/07/30 13:26